

DIRECTOR'S OFFICE

GENERAL INDUSTRY SAFETY STANDARDS

Filed with the Secretary of State on May 5, 2015

These rules become effective immediately upon filing with the Secretary of State unless adopted under section 33, 44, or 45a(6) of 1969 PA 306.

Rules adopted under these sections become effective 7 days after filing with the Secretary of State.

(By authority conferred on the director of the department of licensing and regulatory affairs by sections 16 and 21 of 1974 PA 154, and Executive Reorganization Order Nos. 1996-2, 2003-1, 2008-4, and 2011-4, MCL 445.2001, 445.2011, 445.2025, and 445.2030) of consumer and industry services by 1974 PA 154, MCL 408.1016 and 408.1021, and Executive Reorganization Order No. 1996-2, MCL 445.2001 of the Michigan Compiled Laws)

R 408.13901 and R 408.13902 of the Michigan Administrative Code are amended, and R 408.13905 of the Code is added, as follows:

PART 39. DESIGN SAFETY STANDARDS FOR ELECTRICAL SYSTEMS

R 408.13901 Scope.

Rule 3901. These rules establish the minimum electrical safety requirements that are necessary for the practical safeguarding of employees in their workplaces. These rules cover design safety standards for electric utilization systems and include all electric equipment and installations used to provide electric power and light for employee workplaces. ~~The federal standards adopted by reference in R 408.13902 are divided into 8 major divisions as follows:~~

- ~~(a) Electric utilization systems – 1910.302.~~
- ~~(b) General requirements – 1910.303.~~
- ~~(c) Wiring design and protection – 1910.304.~~
- ~~(d) Wiring methods, components, and equipment for general use – 1910.305.~~
- ~~(e) Specific purpose equipment and installations – 1910.306.~~
- ~~(f) Hazardous (classified) locations – 1910.307.~~
- ~~(g) Special systems – 1910.308.~~
- ~~(h) Definitions applicable to each division are contained in this section – 1910.399.~~

R 408.13902. Adoption by reference of federal standards.

Rule 3902. (1) **The following federal occupational safety and health administration (OSHA) regulations from the Code of Federal Regulations are adopted by reference in these rules:**

- (a) 29 C.F.R. §1910.302 “Electric utilization systems.”**
- (b) 29 C.F.R. §1910.303 “General.”**
- (c) 29 C.F.R. §1910.304 “Wiring design and protection.”**
- (d) 29 C.F.R. §1910.305 “Wiring methods, components, and equipment for general use.”**
- (e) 29 C.F.R. §1910.306 “Specific purpose equipment and installations.”**
- (f) 29 C.F.R. §1910.307 “Hazardous (classified) locations.”**
- (g) 29 C.F.R. §1910.308 “Special systems.”**
- (h) 29 C.F.R. §1910.399 “Definitions applicable to this subpart.”**

~~The federal occupational safety and health administration’s regulations on electrical safety promulgated by the United States department of labor and codified at 29 CFR 1910.302 to 1910.308 and CFR 1910.399, Design Safety Standards for Electrical Systems, February 14, 2007 and appearing in the Federal Register, Volume 72, No 30 on pp. 7135 to 7221 are adopted by reference in these rules as of the effective date of these rules.~~

(2) The adopted federal regulations shall have the same force and effect as a rule promulgated under 1974 PA 154, MCL 408.1001 to 408.1094.

(3) **A reference to C.F.R. §1910.147 “General Environmental Controls-The control of hazardous energy (lockout/tagout),” means General Industry Safety Standard Part 85 “The Control of Hazardous Energy Sources,” as referenced in R 408.13905.** ~~The adopted regulations are available from the United States Department of Labor, 315 West Allegan, Room 315, Lansing, Michigan 48917, at no charge as of the time of adoption of these rules, or via the internet at website www.osha.gov, or from the Michigan Department of Labor and Economic Growth, MIOSHA Standards Section, 7150 Harris Drive Box 30643, Lansing, Michigan 48909-8143, at no charge as of the time of adoption of these~~

~~rules or via the internet at website: www.michigan.gov/mioshastandards. For quantities greater than 5, the cost, as of the time of adoption of these rules, is 4 cents per page.~~

(4) A reference to C.F.R. §1910.332 “Electrical-Training,” means General Industry Safety Standard Part 40 “Electrical Safety-Related Work Practices,” as referenced in R 408.13905.

R 408.13905 Availability of adopted and referenced rules.

Rule 3905. (1) The following regulations are adopted by reference in these rules and are available from the United States Department of Labor, Occupational Safety and Health Administration website: www.osha.gov, at no charge, as of the time of adoption of these rules:

(a) 29 C.F.R. §1910.302 “Electric Utilization Systems,” February 14, 2007.

(b) 29 C.F.R. §1910.303 “General,” October 29, 2008.

(c) 29 C.F.R. §1910.304 “Wiring design and protection,” October 29, 2008.

(d) 29 C.F.R. §1910.305 “Wiring methods, components, and equipment for general use,” February 14, 2007.

(e) 29 C.F.R. §1910.306 “Specific purpose equipment and installations,” February 14, 2007.

(f) 29 C.F.R. §1910.307 “Hazardous (classified) locations,” February 14, 2007.

(g) 29 C.F.R. §1910.308 “Special systems,” February 14, 2007.

(h) 29 C.F.R. §1910.399 “Definitions applicable to this subpart,” April 11, 2014.

(2) The standards adopted in these rules are also available for inspection at the Department of Licensing and Regulatory Affairs, MIOSHA Regulatory Services Section, 7150 Harris Drive, Lansing, Michigan, 48909-8143.

(3) Copies of the standards adopted in these rules may be obtained from the publisher or may be obtained from the Department of Licensing and Regulatory Affairs, MIOSHA Regulatory Services Section, 7150 Harris Drive, P.O. Box 30643, Lansing, Michigan, 48909-8143, at the cost charged in this rule, plus \$20.00 for shipping and handling.

(4) The following Michigan occupational safety and health standards (MIOSHA) are referenced in these rules. Up to 5 copies of these standards may be obtained at no charge from the Department of Licensing and Regulatory Affairs, MIOSHA Regulatory Services Section, 7150 Harris Drive, P.O. Box 30643, Lansing, MI, 48909-8143 or via the internet at website: www.michigan.gov/miohastandards. For quantities greater than 5, the cost, at the time of adoption of these rules, is 4 cents per page.

(a) General Industry Safety Standard Part 40 “Electrical Safety-Related Work Practices,” R 408.14001 to R 408.14009.

(b) General Industry Safety Standard Part 85 “The Control of Hazardous Energy Sources,” R 408.18501 to R 408.18599.

(5) The appendices to these rules are informational only and are not intended to create any additional obligations or requirements not otherwise imposed by these rules or to detract from any established obligations or requirements.